

DT04 Rec'd PCT/PTO 07 JUL 2004

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) An intelligent portable object (2) of the type comprising at least: first (8) and second (4) ~~communication~~ interfaces for communication with a station (20), with at least the first communication interface (8) being of the contactless type able to send and/or receive data by inductive coupling with the station (20); a peripheral circuit (14, 30) connected to the first communication interface (8); and a central data processing circuit (6) connected to the second communication interface (4); ~~characterised in that wherein the peripheral circuit (14, 30) and the central circuit (6) have no connection connecting them are not directly electrically connected~~ together, and ~~in that wherein~~ the first and second communication interfaces comprise a communication protocol arranged so as to make that all the data to be exchanged between the peripheral circuit (14, 30) and the central circuit (6) pass via the station (20), ~~which makes it possible not to require any cabled connection between the peripheral circuit (14, 30) and the central circuit (6).~~

2. (Currently Amended) An object (2) according to Claim 1, ~~characterised in that wherein~~ the peripheral circuit belongs to the group formed by integrated circuits ~~forming comprising~~ a display (14), keypad (30), a memory, and a light-emitting diode ~~or the like.~~

3. (Currently Amended) An object (2) according to Claim 1 ~~or Claim 2~~, ~~characterised in that wherein~~ the central circuit (6) belongs to the group formed by integrated circuits ~~forming comprising~~ a processing unit, and/or a memory ~~or the like.~~

4. (Currently Amended) An object (2) according to ~~one of Claims 1 to 3,~~
~~characterised in that it comprises several~~ Claim 1, comprising a plurality of first contactless
communication interfaces (8) each connected to a respective peripheral circuit ~~(14, 30).~~

5. (Currently Amended) An object (2) according to ~~one of Claims 1 to 4,~~
~~characterised in that~~ Claim 1, wherein the second communication interface (4) is of the
contactless type ~~able to send and/or receive data by inductive coupling with the station (20).~~

6. (Currently Amended) An object (2) according to ~~one of Claims 1 to 4,~~
~~characterised in that~~ Claim 1, wherein the second communication interface (4) is of the
contact type ~~able to communicate by~~ electrical contacts with the station.

7. (Currently Amended) A data exchange method of the type in which an intelligent
portable object (2) comprises at least first (8) and second ~~(4) communication interfaces for~~
communication with a station (20), with at least the first communication interface (8) being of
the contactless type ~~able to send and/or receive data by inductive coupling with the station~~
~~(20); at least one peripheral circuit connected to the first communication interface; and a~~
central data processing circuit (6) connected to the second communication interface,
~~characterised in that provision is made for there to be~~ wherein there is no direct electrical
~~connection connecting together~~ between the peripheral circuit and the central circuit, ~~and for~~
~~equipping the first and second communication interfaces with a communication protocol~~
~~according to which~~ said method comprising the step of exchanging all the data are
~~exchanged~~ between the peripheral circuit ~~(14, 30)~~ and the central circuit (6) via the station
~~(20) without requiring~~ utilizing any cabled connection between the peripheral circuit ~~(14, 30)~~
and the central circuit (6).

8. (Currently Amended) A method according to Claim 7, ~~in which~~ wherein the data transmission is in the direction from central circuit to the peripheral circuit, ~~characterised in that provision is made for~~ and further including the step of modulating the load on the first communication interface ~~(8)~~ according to a chosen modulation, different from that of the second communication interface ~~(4)~~.

9. (Currently Amended) A method according to Claim 8, ~~characterised in that~~ wherein the modulation of the load on the first communication interface ~~(8)~~ is an amplitude modulation with a degree of modulation of the data of around 10% ~~whilst~~ and the modulation of the load on the second communication interface ~~(4)~~ is an amplitude modulation with a degree of modulation of the data of around 100%.

10. (Currently Amended) A method according to Claim 7, ~~in which~~ wherein the data transmission is in the direction from peripheral circuit to central circuit, ~~characterised in that provision is made for~~ further including the step of modulating the load on the station ~~(20)~~ according to a modulation ~~chosen~~ for transmitting data from the peripheral circuit ~~(14, 30)~~ to the central circuit via the station ~~(20)~~.

11. (Currently Amended) A method according to Claim 7, ~~characterised in that~~ wherein the data are exchanged between the peripheral circuit and the central circuit and vice-versa via the station.

12. (Currently Amended) A method according to ~~one of Claims 7 to 11,~~ Claim 7, ~~characterised in that provision is made for equipping~~ wherein the intelligent portable object ~~(2) with several~~ contains a plurality of peripheral circuits each connected to a first contactless communication interface ~~(14, 30)~~, and ~~in that~~ wherein all the data exchanged between the processing circuit and each peripheral circuit ~~(14, 30)~~ pass via the station ~~(20)~~.

13. (Currently Amended) A peripheral circuit ~~able to be deposited for use~~ within an intelligent portable object (2) equipped with a central data processing circuit (6), ~~characterised in that it comprises~~ comprising an interface (4) for communication by inductive coupling with a station (20), ~~in that there is with no direct electrical connection connecting it to the central circuit (6) and in that in addition it is able to exchange~~ said peripheral circuit exchanging data with the central circuit of the intelligent portable object via the station (20) without ~~requiring~~ utilizing any cabled connection ~~connecting it to the central circuit~~.

14. (Currently Amended) A circuit according to Claim 13, ~~characterised in that this~~ wherein said peripheral circuit is a circuit forming a display (14).

15. (Currently Amended) A circuit according to Claim 13, ~~characterised in that this~~ wherein said peripheral circuit is a circuit forming a keypad (30).